Fortnightly eFolio Submission – Studio 6

Student Name and ID
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Self-Evaluation
High Distinction
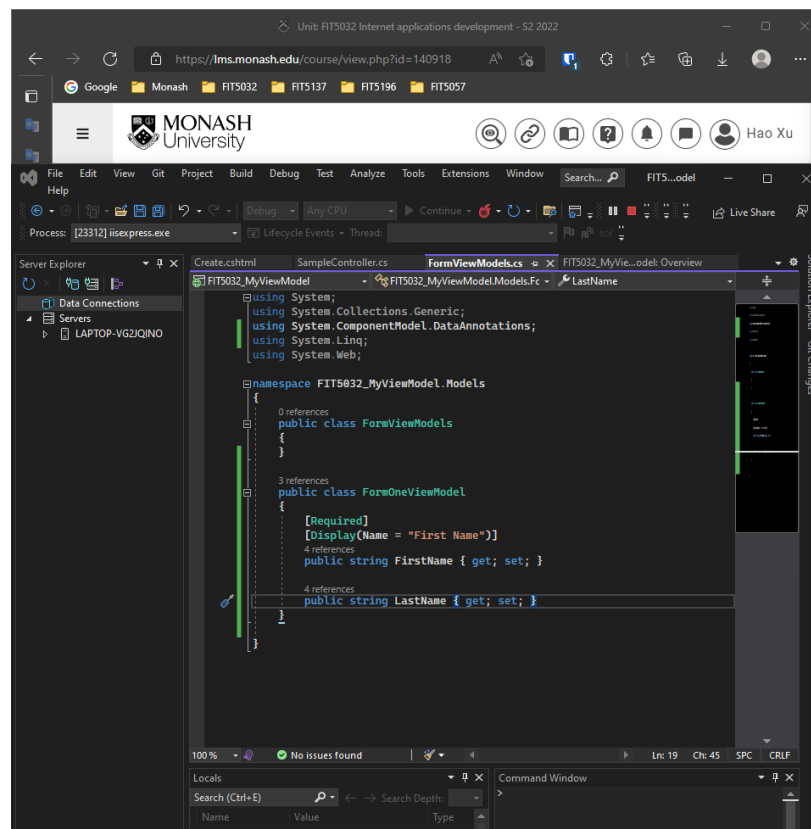
Task 6.1 (Application of View Model)
Project GitHub Link:
https://github.com/BrantleyXU/FIT5032/tree/main/week06/FIT5032_MyViewModel
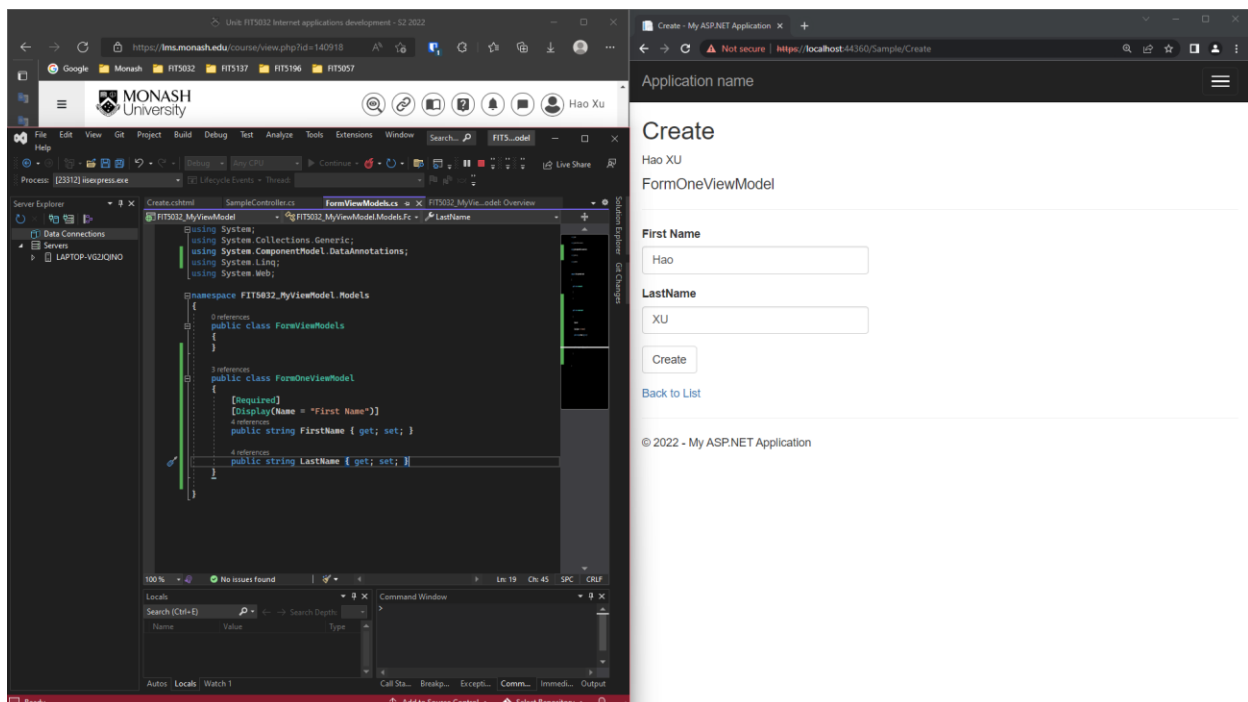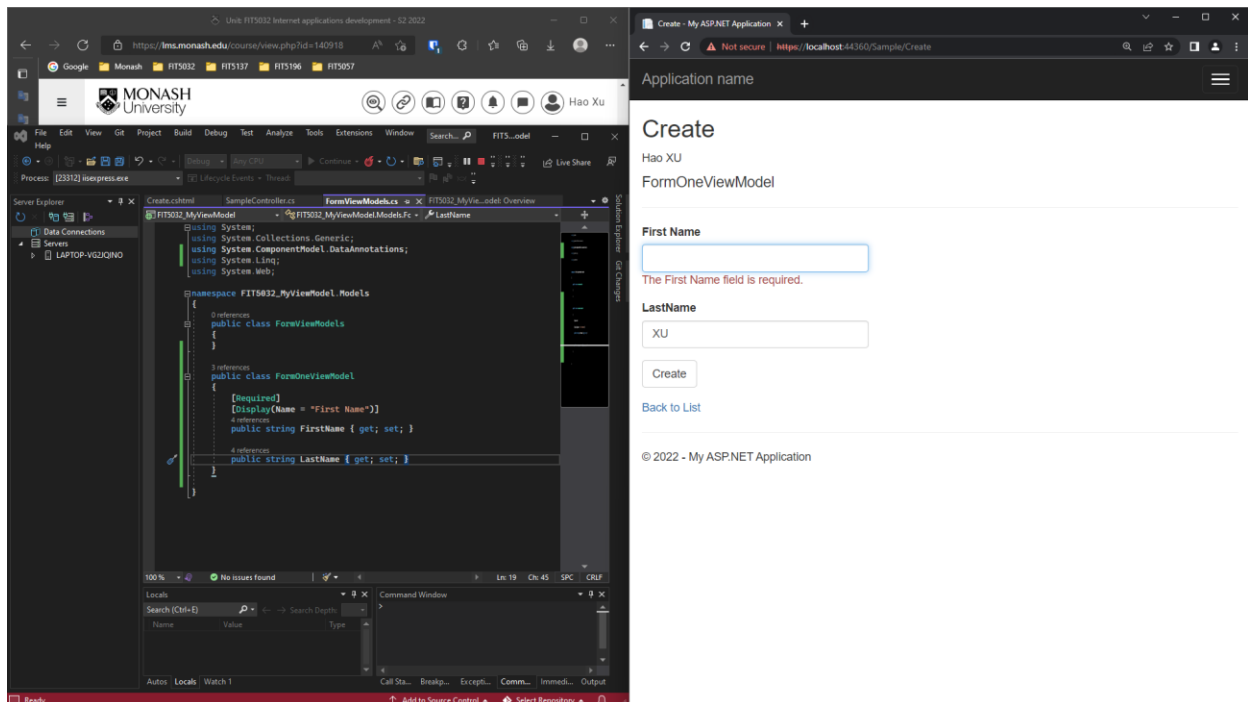
Screenshots and explanations
The following screenshots display the code of "FormOneViewModel" class and the running application with validations.

This screenshot shows the code:

These 2 screenshots show the validation. When the field is left blank, an error message will display; when the field is filled and "Create" has been clicked, a response text will be displayed.

Task 6.2 (jQuery unobtrusive validation)

The jQuery unobtrusive validation is a set of ASP.NET MVC HTML helper extensions, used to perform simple input validations on the client-side. This could be done by specifying "data-" attributes in HTML file, rather than calling "validate()" method, which is a kind of traditional way (See Figure 6.2.1).

```html
<!-- This is jQuery validation -->
<input type="text" name="email" class="required">
<script>
        $(function () {
            $("form").validate();
        });
</script>


<!-- This is jQuery unobtrusive validation -->
<input type="text" name="email" data-val="true"
data-val-required="This field is required.">

<div class="validation-summary-valid" data-valmsg-summary="true">
    <ul><li style="display:none"></li></ul>
</div>
```

Figure 6.2.1: Examples of jQuery Validation and jQuery Unobtrusive Validation

To work with "ViewModels", the jQuery unobtrusive validation is written in HTML file, which makes use of jQuery validation supported by HTML 5 data attributes. The validation is performed in the client-side, meaning that there is no need to change validation data through the server and the client. Thus, it is completed in "View" module in MVC framework.

References:

James Lawruk. (2013, December 3). With the unobtrusive way. [Answer to the online question What is jQuery Unobtrusive Validation?]. Stack Overflow. https://stackoverflow.com/a/20362167.